

predetermined camera is used by another user, said display device displays a symbol of said predetermined camera in a color different from that of other cameras.

5. (Twice Amended) The terminal according to claim 3, wherein said display device displays a pan angle by a direction of a camera symbol.

6. (Twice Amended) The terminal according to claim 3, wherein if registration of a new camera is informed on the system, said display device displays a camera symbol of the new camera on a layout, while if a camera is disconnected, said display device deletes the camera symbol of the camera on the layout.

7. (Twice Amended) The terminal according to claim 3 wherein said display device displays, if said predetermined camera is unavailable a symbol of said predetermined camera so as to indicate responseless status.

16. (Twice Amended) The terminal according to claim 3, wherein said display device displays a layout and camera symbol representing said predetermined camera over the layout on the basis of the parameters, said predetermined camera with the camera symbol.

18. (Twice Amended) The terminal according to claim 3, wherein the display means device displays a status of connection of the camera apparatus and the network.

20. (Five Times Amended) The terminal according to claim 3, wherein said display device displays the image picked up by said predetermined camera on the same screen simultaneously as the screen on which the status of said predetermined camera is displayed.

21. (Twice Amended) The terminal according to claim 3, wherein said display device further displays starting and ending of operation of said predetermined camera.

25. (Twice Amended) The terminal according to claim 3, wherein said obtaining device periodically obtains information concerning parameters of said predetermined camera whose condition changes subsequent to the initial start up.

27. (Twice Amended) A method for monitoring an image picked up by a camera connected to a network, comprising the steps of:

obtaining information concerning initial parameters of a predetermined camera in accordance with starting up a monitoring terminal and for obtaining information concerning parameters whose condition changes except for unchanging parameters of the initial parameters of said camera subsequent to the initial startup; and

displaying on a screen, the camera-status on the basis of the parameters of said predetermined camera which are obtained by the obtaining step.

43. (Twice Amended) A computer readable medium of monitoring terminals for monitoring an image picked up by a camera having computer usable program said program comprising the steps of:

obtaining information concerning initial parameters of a predetermined camera connected to a network in accordance with starting up said monitoring terminal and obtaining information concerning parameters whose condition changes except for unchanging parameters of the initial parameters of the camera subsequent to the initial startup; and

displaying on a screen, the camera status on the basis of the parameters of said predetermined camera which is obtained by the obtaining step.

65. (Amended) A method for monitoring an image picked up by a camera connected to a network, comprising the steps of:

informing a monitoring terminal of information concerning initial parameters of said camera in accordance with starting up said monitoring terminal; and

informing said monitoring terminal of information concerning parameters whose condition changes except for unchanging parameters of the initial parameters of said camera subsequent to the initial start up.

67. (Amended) An apparatus for informing a monitoring terminal of information concerning a camera connected to a network, comprising:

obtaining device arranged to obtain information concerning said camera; and

informing device arranged to inform said monitoring terminal of information concerning initial parameters of a predetermined camera in accordance with starting up said monitoring terminal informed by said obtaining device and informing said monitoring terminal of information concerning parameters whose condition changes except for unchanging parameters of the initial parameters of said camera subsequent to the initial start up.

Please add the following new claims:

69. (New) A monitoring system for monitoring an image picked up by a plurality of camera apparatuses connected to a network, comprising:

obtaining device arranged to obtain information concerning used statuses of the camera apparatuses; and

display device arranged to distinguishably display used statuses of the camera apparatuses on the basis of the condition where the camera apparatuses are used by another

terminal and by a user's own terminal and not used by anyone.

70. (New) The system according to claim 69, wherein
said display device displays a layout and enables the generation of camera
symbols on the layout, wherein said camera-status displays the different camera symbols on
the basis of the condition where the camera is used by another terminal and by a user's own
terminal and not used by anyone.

71. (New) A monitoring system for monitoring an image picked up by a
plurality of camera apparatuses connected to a network, comprising:

obtaining device arranged to obtain information concerning used statuses of
the camera apparatuses; and

display device arranged to distinguishably display used statuses of the camera
apparatuses on the basis of the condition where the camera apparatuses are used by another
terminal different from a user's own terminal and not used by anyone.

72. (New) The system according to claim 71, wherein
said display device displays a layout and enables the generation of camera
symbols on the layout, wherein said display device displays the different camera symbols on
the basis of the condition where the camera is used by another terminal different from a user's
own terminal and not used by anyone.

REMARKS

This application has been reviewed in light of the Final Office Action dated July 3,
2001. Claims 3-7, 16, 18, 20-23, 25, 27-31, 35-47, and 51-72 are pending in this application,
with claims 3, 22, 27, 41, 43, 57, 59, 61, 63, 65, 67, 69 and 71 being in independent form.

Applicants have amended claims 3-7, 16, 18, 20-21, 25, 27, 43, 65 and 67. Clean copies of

the amended claims are presented in the amendment and marked up copies highlighting the insertions and deletions follow on attached pages. Applicants have added new claims 69 - 72. Support for these new claims may be found throughout the specification and accompanying drawings. No new matter has been entered as a result of these new claims. Reconsideration and withdrawal of the Examiner's rejections and objections are respectfully requested in view of the above amendments and following remarks.

The allowance of claims 22, 23, 41, 42, 57-58, and 59-64 is noted with appreciation. In addition, the indication of allowable subject matter pertaining to claims 4, 6, 28, 30, 44 and 46 is also noted with appreciation.

In the Office Action, claims 3, 16, 18, 20, 21, 27, 35, 37-40, 43, 51, 53-57 and 65 stand rejected under 35 U.S.C. §102(b) as being anticipated by Griesshaber et al. (U. S. Patent No. 4,507,683). Claims 3, 18, 20, 25-27, 36-38, 40, 43, 52-54, 56, 65 and 67 stand rejected under 35 U.S.C. §102(e) as being anticipated by Hogan et al. (U. S. Patent No. 5,657,246). Claims 3, 5, 7-10, 16, 25, 27, 29, 31-36, 43, 45 and 47-52 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Griesshaber et al.

Applicants have amended independent claims 3, 27 and 43, to recite obtaining information concerning initial parameters of a predetermined camera in accordance with starting up the monitoring terminal and obtaining information concerning parameters whose condition changes except for unchanging parameters of the initial parameters of the camera subsequent to the initial startup. Applicants have amended independent claims 65 and 67 to recite informing the monitoring terminal of information concerning parameters whose condition changes except for unchanging parameters of the initial parameters of the camera subsequent to the initial startup.

In Griesshaber, Col. 7 lines 13-61 and in Figs. 5 and 6, Griesshaber describes a display format. Only one parameter, such as camera state, is obtained for a camera. Namely, the character "S" in the status text row indicates that a camera has been selected for setup; the character "D" indicates that the setup is successfully done; and "?" is displayed to indicate a fault has occurred. On the contrary, the monitoring terminal recited in amended independent claim 3 and the methods recited in amended claims 27 and 65, the computer medium in amended claim 43 and the apparatus of amended claim 67 are effective in a system which obtains a plurality of parameters.

It is respectfully submitted that Greisshaber does not disclose, nor teach or suggest, obtaining information concerning initial parameters of a predetermined camera in accordance with starting up the monitoring terminal and obtaining information concerning parameters whose condition changes except for unchanging parameters of the initial parameters of the camera subsequent to the initial startup as claimed in amended independent claims 3, 27, and 43 nor informing the monitoring terminal of information concerning parameters whose condition changes except for unchanging parameters of the initial parameters of the camera subsequent to the initial startup as claimed in amended independent claims 65 and 67.

Accordingly, reconsideration and withdrawal of the Examiner's rejections of claims 3, 16, 18, 20, 21, 27, 35, 37-40, 43, 51, 53-57 and 65 under 35 U.S.C. §102(b) and claims 3, 5, 7-10, 16, 25, 27, 29, 31-36, 43, 45 and 47-52 under 35 U.S.C. §103(a) are respectfully requested.

Hogan et al. discloses a method and apparatus for a video conference user interface. Referring to Hogan et al. Fig. 5A, there is shown a tool bar 78 that allows for control of a video conference. It is respectfully submitted that Hogan et al. does not disclose obtaining

information concerning initial parameters of a predetermined camera in accordance with starting up the monitoring terminal and obtaining information concerning parameters whose condition changes except for unchanging parameters of the initial parameters of the camera subsequent to the initial startup as claimed in amended independent claims 3, 27 and 43. Hogan also does not disclose informing a monitoring terminal of information concerning parameters whose condition changes except for unchanging parameters of the initial parameters of the camera subsequent to the initial startup as claimed in amended independent claims 65 and 67

Accordingly, reconsideration and withdrawal of the rejections of claims 3, 18, 20, 25-27, 36-38, 40, 43, 52-54, 56, 65 and 67 under 35 U.S.C. §102(e) are respectfully requested.

Applicants do not believe it necessary at this time to further address the rejections of the pending dependent claims as Applicants believe the foregoing places the independent claims in condition for allowance. Applicants however reserve the right to address those rejections in the future should such a response be deemed necessary and appropriate.

Applicants have added new claims 69 - 72 that correspond to allowed claims 22, 23, 59 and 60. These claims should be allowable for the same reasons the corresponding claims are allowable. Early and favorable consideration is respectfully requested with respect to these claims.

CONCLUSION

It is now believed that all pending claims, namely, claims 3-7, 16, 18, 20-23, 25, 27-31, 35-47, and 51-72 are in condition for allowance. In view of the above amendments and remarks, an early and favorable reconsideration is respectfully requested.

Applicants have concurrently filed a petition and fee for a two month extension of time in conjunction with this amendment and response. The Commissioner is authorized to charge any additional fees necessitated by this paper to our Deposit Account No. 13-4500, Order No. 1232-4253US2.

Respectfully submitted,

MORGAN & FINNEGAN, L.L.P.

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By: 

Kevin C. Ecker

Registration No. 43,600

MORGAN & FINNEGAN, L.L.P.
345 Park Avenue
New York, NY 10154
(212) 758-4800 (Office)

ATTACHMENT

Please amend claims 3-7, 16, 18, 20-21, 25, 27, 43, 65 and 67 as follows:

3. (Six Times Amended) A monitoring terminal for monitoring an image picked up by a camera connected to a network, comprising:

obtaining [means for obtaining] device arranged to obtain information concerning initial parameters of a predetermined camera in accordance with starting up said monitoring terminal and [for obtaining] obtain information concerning parameters [of said predetermined camera] whose condition changes except for unchanging parameters of the initial parameters of said camera subsequent to the initial start up; and

[camera-status] display [means for displaying] device arranged to display camera-status on the basis of the parameters of said predetermined camera which is obtained by the obtaining [means] device.

4. (Twice Amended) The terminal according to claim 3, wherein if said predetermined camera is used by another user, said [camera-status] display [means] device displays a symbol of said predetermined camera in a color different from that of other cameras.

5. (Twice Amended) The terminal according to claim 3, wherein said [camera-status] display [means] device displays a pan angle by a direction of a camera symbol.

6. (Twice Amended) The terminal according to claim 3, wherein if registration of a new camera is informed on the system, said [camera-status] display [means] device displays a camera symbol of the new camera on a layout, while if a camera is

disconnected, said [camera-status] display [means] device deletes the camera symbol of the camera on the layout.

7. (Twice Amended) The terminal according to claim 3 wherein said [camera-status] display [means] device displays, if said predetermined camera is unavailable a symbol of said predetermined camera so as to indicate responseless status.

16. (Twice Amended) The terminal according to claim 3, [further comprising:] wherein

[layout-display means for displaying] said display device displays a layout[;]
and

[symbol-display means for displaying] camera symbol representing said predetermined camera over the layout on the basis of the parameters, said predetermined camera with the camera symbol.

18. (Twice Amended) The terminal according to claim 3, wherein the [camera-status] display means device displays a status of connection of the camera apparatus and the network.

20. (Five Times Amended) The terminal according to claim 3, [further comprising:] wherein

[image display means for displaying] said display device displays the image picked up by said predetermined camera on the same screen simultaneously as the screen on which the status of said predetermined camera is displayed.

21. (Twice Amended) The terminal according to claim 3, wherein said [camera-status] display [means] device further displays starting and ending of operation of

said predetermined camera.

25. (Twice Amended) The terminal according to claim 3, wherein said obtaining [means] device periodically obtains information concerning parameters of said predetermined camera whose condition changes subsequent to the initial start up.

27. (Twice Amended) A method for monitoring an image picked up by a camera connected to a network, comprising the steps of:

obtaining information concerning initial parameters of a predetermined camera in accordance with starting up a monitoring terminal and for obtaining information concerning parameters [of said predetermined camera] whose condition changes except for unchanging parameters of the initial parameters of said camera subsequent to the initial startup; and

displaying on a screen, the camera-status on the basis of the parameters of said predetermined camera which are obtained by the obtaining step.

43. (Twice Amended) A computer readable medium of monitoring terminals for monitoring an image picked up by a camera having computer usable program said program comprising the steps of:

obtaining information concerning initial parameters of a predetermined camera connected to a network in accordance with starting up said monitoring terminal and obtaining information concerning parameters whose condition changes except for unchanging parameters of the initial parameters of the camera subsequent to the initial startup; and

displaying on a screen, the camera status on the basis of the parameters of said predetermined camera which is obtained by the obtaining step.

65. (Amended) A method for monitoring an image picked up by a camera connected to a network, comprising the steps of:

informing a monitoring terminal of information concerning initial parameters of said camera in accordance with starting up said monitoring terminal; and

informing said monitoring terminal of information concerning parameters [of said camera] whose condition changes except for unchanging parameters of the initial parameters of said camera subsequent to the initial [step] start up.

67. (Amended) An apparatus for informing a monitoring terminal of information concerning a camera connected to a network, comprising:

obtaining [means for obtaining] device arranged to obtain information concerning said camera; and

informing [means for informing] device arranged to inform said monitoring terminal of information concerning initial parameters of a predetermined camera in accordance with starting up said monitoring terminal informed by said obtaining [means] device and informing said monitoring terminal of information concerning parameters [of said predetermined camera] whose condition changes except for unchanging parameters of the initial parameters of said camera subsequent to the initial [step] start up.